CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/974,619E   CRF Edit Date: 7/28/04
Edited by: KD

_____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next-line

_____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

ENTERED

_____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

_____ Inserted mandatory headings/numeric identifiers, specifically:

_____

_____ Moved responses to same line as heading/numeric identifier, specifically:

_____

_____ Other:

_____
_____
_____

Revised 09/09/2003

IFW16

RAW SEQUENCE LISTING   DATE: 07/28/2004
PATENT APPLICATION: **US/09/974,619E**   TIME: 16:50:41

Input Set : **A:\pto.kd.TXT**
Output Set: **N:\CRF4\07282004\I974619E.raw**

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 4 <110> APPLICANT: Schuetz, Erin
 5        Zhang, Joing
 6        Assem, Mahfoud
 8 <120> TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
 9        Phenotype
11 <130> FILE REFERENCE: 44158/244344
13 <140> CURRENT APPLICATION NUMBER: 09/974,619E
14 <141> CURRENT FILING DATE: 2001-10-10
16 <150> PRIOR APPLICATION NUMBER: 60/279,915
17 <151> PRIOR FILING DATE: 2001-03-29
19 <160> NUMBER OF SEQ ID NOS: 74
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 23
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Primer
31 <400> SEQUENCE: 1
32 tgggatgaat tcaagtatt ttg                                    23
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 20
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Primer
43 <400> SEQUENCE: 2
44 aggtttccat ggccaagtct                                       20
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 20
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Primer
55 <400> SEQUENCE: 3
56 ccgatcagaa taaggcattg                                       20
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 20
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Primer
67 <400> SEQUENCE: 4
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RAW SEQUENCE LISTING   DATE: 07/28/2004
PATENT APPLICATION: **US/09/974,619E**   TIME: 16:50:41

Input Set : **A:\pto.kd.TXT**
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68 gattcacctg gggtcaacac   20
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 23
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Primer
79 <400> SEQUENCE: 5
80 ggggatggat ttcaagtatt ctg   23
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 21
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Primer
91 <400> SEQUENCE: 6
92 gtccatcgcc acttgccttc t   21
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 20
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Primer
103 <400> SEQUENCE: 7
104 gtctggctgg gtatgaaagg   20
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 19
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Primer
115 <400> SEQUENCE: 8
116 gccaagtttg ggatgagat   19
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 23
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Primer
127 <400> SEQUENCE: 9
128 gaggatggat ttcaattatt cta   23
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 20
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Primer
139 <400> SEQUENCE: 10
140 gtccatcgcc actttccttc   20

RAW SEQUENCE LISTING   DATE: 07/28/2004
PATENT APPLICATION: US/09/974,619E   TIME: 16:50:41

Input Set : A:\pto.kd.TXT
Output Set: N:\CRF4\07282004\I974619E.raw

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143 <210> SEQ ID NO: 11
144 <211> LENGTH: 21
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer
151 <400> SEQUENCE: 11
152 aacagcccag caaacagcag c                              21
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 23
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Primer
163 <400> SEQUENCE: 12
164 taagcccatc tttatttcaa ggt                            23
167 <210> SEQ ID NO: 13
168 <211> LENGTH: 24
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Primer
175 <400> SEQUENCE: 13
176 gttgctatta gacttgagag gact                           24
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 23
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer
187 <400> SEQUENCE: 14
188 tgtaaggatc tatgctgtcc ttc                            23
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 22
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Primer
199 <400> SEQUENCE: 15
200 cacaaatcga aggtctttag gc                             22
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 22
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Primer
211 <400> SEQUENCE: 16
212 tcaaaaactg gggtaaggaa tg                             22
215 <210> SEQ ID NO: 17
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RAW SEQUENCE LISTING   DATE: 07/28/2004
PATENT APPLICATION: **US/09/974,619E**   TIME: 16:50:41

Input Set : **A:\pto.kd.TXT**
Output Set: **N:\CRF4\07282004\I974619E.raw**

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216 <211> LENGTH: 22
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Primer
223 <400> SEQUENCE: 17
224 gcctaaagac cttcgatttg tg                              22
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 22
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Primer
235 <400> SEQUENCE: 18
236 cattccttac cccagttttt ga                              22
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 24
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
247 <400> SEQUENCE: 19
248 agtcctctca agtctaatag caac                            24
251 <210> SEQ ID NO: 20
252 <211> LENGTH: 23
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Primer
259 <400> SEQUENCE: 20
260 gaaggacagc atagatcctt aca                             23
263 <210> SEQ ID NO: 21
264 <211> LENGTH: 22
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Primer
271 <400> SEQUENCE: 21
272 cagggtctct ggaaatttga ca                              22
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 22
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Primer
283 <400> SEQUENCE: 22
284 tcattctcca cttagggttc ca                              22
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 22
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RAW SEQUENCE LISTING   DATE: 07/28/2004
PATENT APPLICATION: US/09/974,619E   TIME: 16:50:41

Input Set : A:\pto.kd.TXT
Output Set: N:\CRF4\07282004\I974619E.raw

```
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Primer
295 <400> SEQUENCE: 23
296 cagcatggat gtgattactg gc                                    22
299 <210> SEQ ID NO: 24
300 <211> LENGTH: 21
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer
307 <400> SEQUENCE: 24
308 cctgccttca atttttcact g                                     21
311 <210> SEQ ID NO: 25
312 <211> LENGTH: 20
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Primer
319 <400> SEQUENCE: 25
320 gcaatgtagg aaggagggct                                       20
323 <210> SEQ ID NO: 26
324 <211> LENGTH: 20
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Primer
331 <400> SEQUENCE: 26
332 taatattctt tttgataatg                                       20
335 <210> SEQ ID NO: 27
336 <211> LENGTH: 22
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Primer
343 <400> SEQUENCE: 27
344 cattctttca ctagcactgt tc                                    22
347 <210> SEQ ID NO: 28
348 <211> LENGTH: 20
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Primer
355 <400> SEQUENCE: 28
356 caacaaaaac cggcaaactg                                       20
359 <210> SEQ ID NO: 29
360 <211> LENGTH: 20
361 <212> TYPE: DNA
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VERIFICATION SUMMARY   DATE: 07/28/2004
PATENT APPLICATION: **US/09/974,619E**   TIME: 16:50:42

Input Set : **A:\pto.kd.TXT**
Output Set: **N:\CRF4\07282004\I974619E.raw**

IFW16

RAW SEQUENCE LISTING   DATE: 07/26/2004
PATENT APPLICATION: US/09/974,619E   TIME: 15:10:50

Input Set : A:\PTO.FG.TXT
Output Set: N:\CRF4\07262004\I974619E.raw

    4 <110> APPLICANT: Schuetz, Erin
    5   Zhang, Joing
    6   Assem, Mahfoud
    8 <120> TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
    9   Phenotype
   11 <130> FILE REFERENCE: 44158/244344
   13 <140> CURRENT APPLICATION NUMBER: 09/974,619E
   14 <141> CURRENT FILING DATE: 2001-10-10
   16 <150> PRIOR APPLICATION NUMBER: 60/279,915
   17 <151> PRIOR FILING DATE: 2001-03-29
   19 <160> NUMBER OF SEQ ID NOS: 74
   21 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed
(pg. 1-2)

ERRORED SEQUENCES

  787 <210> SEQ ID NO: 74
  788 <211> LENGTH: 32
  789 <212> TYPE: DNA
  790 <213> ORGANISM: Homo sapien
  792 <400> SEQUENCE: 74
  793 gacaagaccc ctttgtggag agcactaaga ag   32
E--> 797 (15)
Delete

VERIFICATION SUMMARY   DATE: 07/26/2004
PATENT APPLICATION: **US/09/974,619E**   TIME: 15:10:51

Input Set : **A:\PTO.FG.TXT**
Output Set: **N:\CRF4\07262004\I974619E.raw**

L:797 M:254 E: No. of Bases conflict, this line has no nucleotides.